



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

GLEN BOUCHER et al.

Serial No.: 08/942,264

Filed: October 1, 1997

Confirmation No.: 7928

) Date: April 8, 2004

) Attorney Docket No.: E-679

) Customer No.: 00919

) Group Art Unit: 2175

For: **METHOD AND SYSTEM FOR CHANGING RATING DATA VIA INTERNET OR  
MODEM IN A CARRIER MANAGEMENT SYSTEM**

INFORMATION DISCLOSURE STATEMENT

Mail Stop  
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Sir:

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(b) exists.

In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

This Information Disclosure Statement is being filed in accordance with the following provisions, as identified below with marked boxes, available under 37 CFR § 1.97:

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1. ☒ 37 CFR § 1.97(b) - This Information Disclosure Statement is being filed according to one of the following: (i) within 3 months of the filing date of this application (other than a CPA); (ii) within 3 months of the date of entry of the national stage as set forth in § 1.491 in an international application; (iii) before the mailing of a first Office action on the merits; or (iv) before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

OR

2. ☐ 37 CFR § 1.97(c) - This Information Disclosure Statement is being filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and it is accompanied by the statement or fee as identified below:

2.1 ☐ Specified Statement under 37 CFR § 1.97(e)(1) - see below.

OR

2.2 ☐ Specified Statement under 37 CFR § 1.97(e)(2) - see below.

OR

2.3 ☐ Please charge Deposit Account No. 16-1885 in the amount of \$180.00 to cover the fee set forth in § 1.17(p).

**\*\* Provisional Fee Authorization.** If Box 2.1 or Box 2.2 is marked above and a final action under § 1.113 has in fact been mailed before the filing of this Information Disclosure Statement, then the Commissioner is authorized to charge Deposit Account No. 16-1885 in the amount of \$180.00 to cover the fee set forth in § 1.17(p) as if Box 2.3 had been marked.

OR

3. ☐ 37 CFR § 1.97(d) - This Information Disclosure Statement is being filed on or before payment of the issue fee and it is accompanied by the statement and fee as identified below:

3.1.1 ☐ Specified Statement under 37 CFR § 1.97(e)(1) - see below.

OR

3.1.2 ☐ Specified Statement under 37 CFR § 1.97(e)(2) - see below.

AND

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Specified Statement under 37 CFR § 1.97(e)(1) - Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Specified Statement under 37 CFR § 1.97(e)(2) - No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

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Serial No.: 08/942,264

Docket No.: E-679

A list of the patent(s) and/or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of each of the items on PTO-1449 (Modified) is supplied herewith.

The Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. 16-1885.

A duplicate copy of this transmittal is enclosed for use in charging the Deposit Account.

Respectfully submitted,

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Plus attachments: Form PTO-1449 (Modified)  
One copy of each of the references

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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On April 8, 2004  
Date of Deposit

Brian A. Lemm  
Name of Registered Rep.

  
Signature

April 8, 2004  
Date

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FORM PTO-1449 (Modified)

Atty. Docket Number  
E-679Serial No.  
08/942,264**INFORMATION DISCLOSURE  
STATEMENT  
BY APPLICANT**Applicant  
GLEN BOUCHER et al.Filing Date  
October 1, 1997Group  
2175**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4122532	10/78	Diugos et al.			
	AB	4138735	2/79	Allocca et al.			
	AC	4249241	2/81	Aberle et al.			
	AD	4320461	3/82	Diugos			
	AE	4528644	7/85	Soderberg et al.			
	AF	4736687	4/88	Grube et al.			
	AG	4901237	2/90	Hikita et al.			
	AH	4999806	3/91	Chernow et al.			
	AI	5014193	5/91	Garner et al.			
	AJ	5040132	8/91	Schuricht et al.			
	AK	5072397	12/91	Barns-Slavin et al.			
	AL	5077660	12/91	Haines et al.			
	AM	5107455	4/92	Haines et al.			
	AN	5193180	3/93	Hastings			
	AO	5247683	9/93	Holmes et al.			
	AP	5261080	11/93	Khoyi et al.			
	AQ	5287270	2/94	Hardy et al.			
	AR	5303379	4/94	Khoyi et al.			
	AS	5325290	6/94	Cauffman et al.			
	AT	5367671	11/94	Feigenbaum et al.			
	AU	5369401	11/94	Haines			
	AV	5421009	5/95	Platt			
	AW	5446896	8/95	Hegarty et al.			
	AX	5473630	12/95	Penzias et al.			
	AY	5515425	5/96	Penzias et al.			
	AZ	5548756	8/96	Tantry et al.			
	BA	5550976	8/96	Henderson et al.			
	BB	5555416	9/96	Owens et al.			
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	BD	5604906	2/97	Murphy et al.			
	BE	5612884	3/97	Haines			

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FORM PTO-1449 (Modified)		Atty. Docket Number E-679	Serial No. 08/942,264
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant GLEN BOUCHER et al.	
		Filing Date October 1, 1997	Group 2175

### U.S. PATENT DOCUMENTS

	BF	5666493	9/97	Wojcik et al.			
	BG	5666501	9/97	Jones et al.			
	BH	5729457	3/98	Seymour			
	BI	5748980	5/98	Lipe et al.			
	BJ	5752027	5/98	Familiar			
	BK	5758154	5/98	Qureshi			
	BL	5758329	5/98	Wojcik et al.			
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	BN	5778348	7/98	Manduley et al.			
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	BS	5845090	12/98	Collins, III et al.			
	BT	5852813	12/98	Guenther et al.			
	BU	5860012	1/99	Luu			
	BV	5881236	3/99	Dickey			
	BW	5909575	6/99	Perry			
	BX	5909581	6/99	Park			
	BY	5933647	8/99	Aronberg et al.			
	BZ	5956505	9/99	Manduley et al.			
	CA	5963743	10/99	Amberg et al.			
	CB	6012065	1/00	Boucher et al.			
	CC	6018725	1/00	Boucher et al.			
	CD	6078889	6/00	Boucher et al.			
	CE	6301707	10/01	Carroll et al.			

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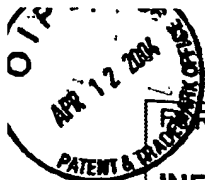
APR 15 2004

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### FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	CF	0304072A2	2/1989	EPO			
	CG	0336552AZ	10/1989	EPO			
	CH	0623876A2	11/1994	EPO			

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Applicant GLEN BOUCHER et al.			
				Filing Date October 1, 1997		Group 2175	
<b>FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS</b>							
	CI	0713177A1	5/1996	EPO		<b>RECEIVED</b>	
	CJ	WO94/11817	5/1994	PCT		<b>APR 15 2004</b>	
	CK	WO95/01598	1/1995	PCT		<b>Technology Center 2100</b>	
	CL	WO96/08765	3/1996	PCT			
	CM	WO98/33106	7/1998	PCT			
	CN	2,331,601A	5/1999	GB			
	CO	010191232	7/1998	Japan		Abstract	
	CP	07-260881	10/1995	Japan		Abstract	
	CQ	55-142216	11/1980	Japan		Abstract	
	CR	59-034121	2/1984	Japan		Abstract	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	CS	Griss, Martin L. et al. "Building object-oriented instrument kits," Object Magazine, April 1996, pp71-81.					
	CT	Kostas "ISDN Overview," Telephone Engineer & Management, V 88, P 153 Dec. 1, 1984.					
	CU	Egan: "Costing and Pricing for an Integrated Digital Telecommunications Network," Telecommunications, v 21 n 11, Nov. 1987, pp 47-54. ABSTRACT ONLY.					
	CV	"ZD Net Launched On Microsoft Network," Newsbytes News Network, Aug 25, 1995.					
	CW	Bausch, Dan O. and Brown, Gerard G.; "Dispatching shipments at minimal cost with multiple mode alternatives," Journal of Business Logistics, March 1, 1994.					
	CX	Andel, Tom; "Rating/Routing Software: Make Special Deliveries Routine," Transportation and Distribution, Nov. 1, 1996.					
	CY	Prince, Tyler and Kaufman, Scott; "From Order To Loading Dock," Information Week, Nov. 14, 1995.					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next Communication to applicant.							

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